

FIG. 3

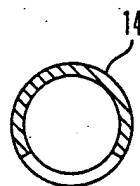


FIG. 4

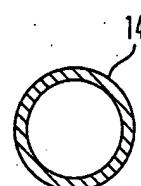


FIG. 5

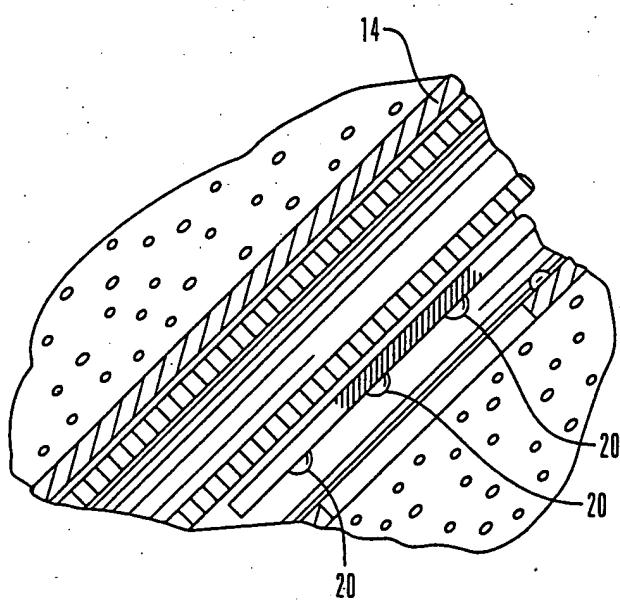


FIG. 6

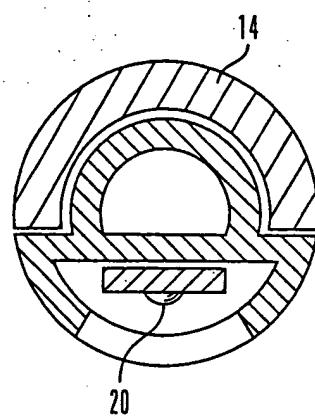
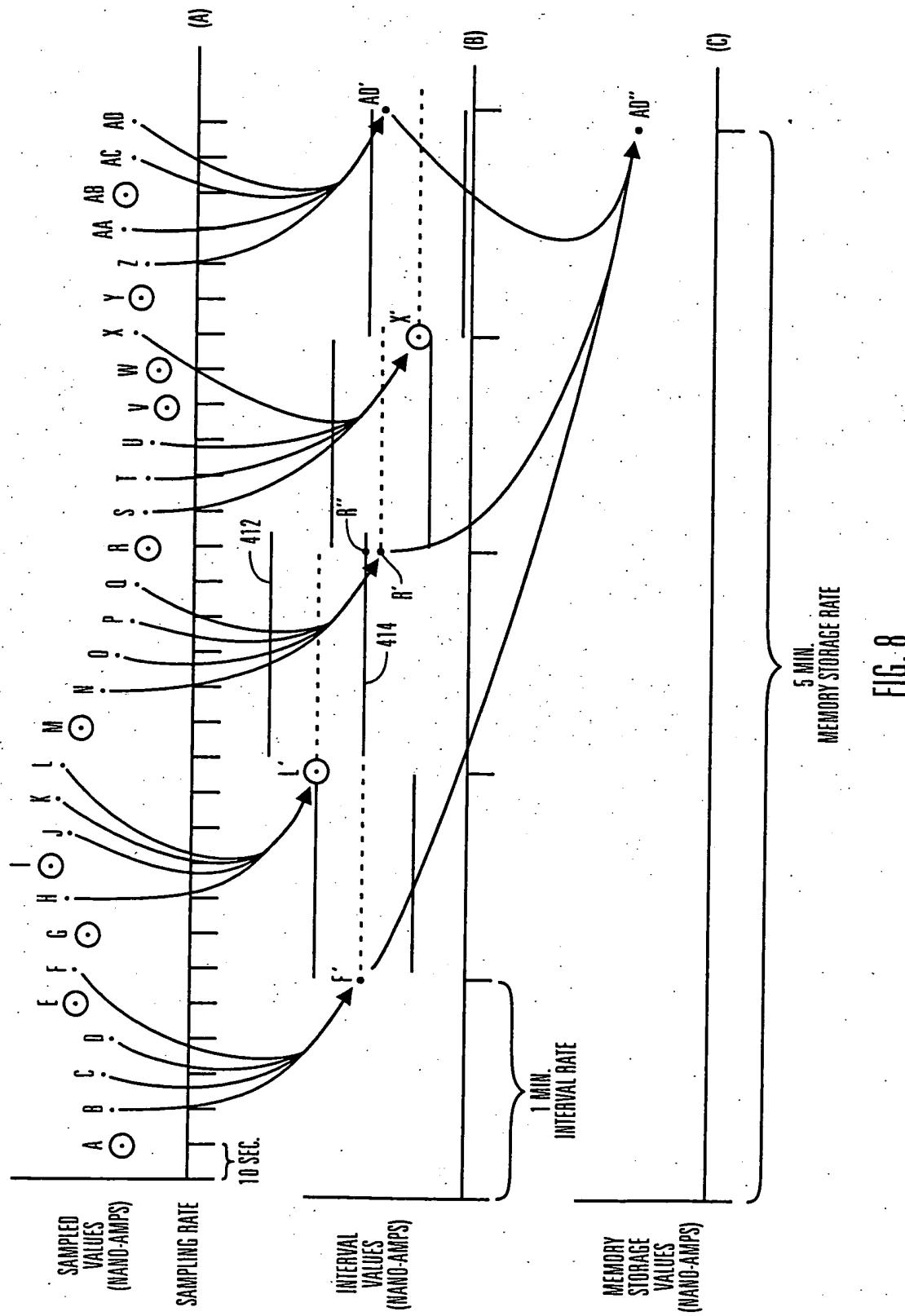


FIG. 7



U.S. EXPRESS MAIL NO. EV060046999US

Foley & Lardner - 310-277-2223

Atty: Ted R. Rittmaster

Title: REAL TIME SELF-ADJUSTING CALIBRATION

ALGORITHM

Inventor(s): John J. Shin et al.

DOCKET NO.: 047711-0335

Sheet 4 of 18

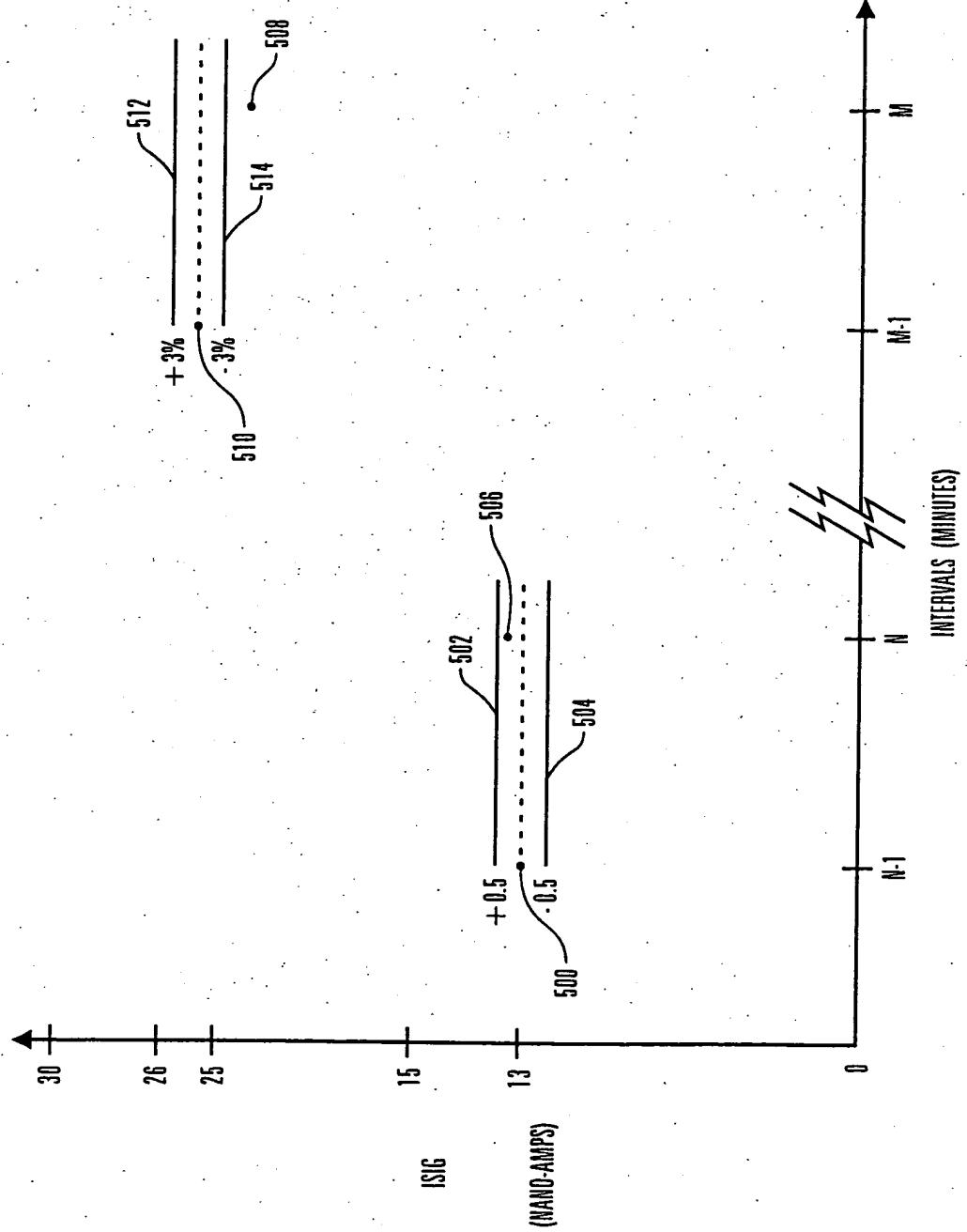


FIG. 9

Microsoft Excel - P0000-0010@11-59-11@7-13-1998.FDA

File Edit View Insert Format Tools Date Advanced Window Help

AIRIAL B I U M38

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P |
|----|------------|-------------|-------|------------|--------|-------------|-------|--------|------------|-----------------|------------|-----------------------|------------|------|-------------------|---|
| 1 | PATIENT ID | SAMPLE DATE | TIME | ISIG VALUE | VCTR | METER VALUE | SLOPE | OFFSET | VALID ISIG | SENSOR POWER UP | POWER DOWN | SENSOR INITIALIZATION | LINK EVENT | LINK | SENSOR DISCONNECT | |
| 2 | 0000-0000 | 0 7/10/98 | 10:53 | 0 | -0.042 | | | | | | | | | | | |
| 3 | 0000-0000 | 1 7/10/98 | 10:58 | 0 | -2.026 | | | | | | | | | | SDI | |
| 4 | 0000-0000 | 2 7/10/98 | 11:03 | 0 | -1.732 | | | | | | | | | | | |
| 5 | 0000-0000 | 3 7/10/98 | 11:09 | 99.1 | -0.936 | | | | | | | | | | | |
| 6 | 0000-0000 | 4 7/10/98 | 11:14 | 19.7 | -0.565 | | | | | | | | | | | |
| 7 | 0000-0000 | 5 7/10/98 | 11:19 | 26.1 | -0.598 | | | | | | | | | | | |
| 8 | 0000-0000 | 6 7/10/98 | 11:24 | 25.7 | -0.626 | | | | | | | | | | | |
| 9 | 0000-0000 | 7 7/10/98 | 11:29 | 26 | -0.643 | | | | | | | | | | | |
| 10 | 0000-0000 | 8 7/10/98 | 11:34 | 24.9 | -0.648 | | | | | | | | | | | |
| 11 | 0000-0000 | 9 7/10/98 | 11:39 | 23.9 | -0.649 | | | | | | | | | | | |
| 12 | 0000-0000 | 10 7/10/98 | 11:44 | 23.8 | -0.651 | | | | | | | | | | | |
| 13 | 0000-0000 | 11 7/10/98 | 11:49 | 24.3 | -0.658 | | | | | | | | | | | |
| 14 | 0000-0000 | 12 7/10/98 | 11:54 | 23.9 | -0.655 | | | | | | | | | | | |
| 15 | 0000-0000 | 13 7/10/98 | 11:59 | 23 | -0.652 | | | | | | | | | | | |
| 16 | 0000-0000 | 14 7/10/98 | 12:04 | 23.3 | -0.652 | | | | | | | | | | | |
| 17 | 0000-0000 | 15 7/10/98 | 12:09 | 22.2 | -0.645 | | | | | | | | | | ESI | |
| 18 | 0000-0000 | 16 7/10/98 | 12:14 | 22.1 | -0.644 | 95 | 5.0 | 3 | 22.1 | 96 | | | | | | |
| 19 | 0000-0000 | 17 7/10/98 | 12:19 | 20.1 | -0.634 | | | | | | | | | | | |
| 20 | 0000-0000 | 18 7/10/98 | 12:24 | 19.9 | -0.637 | | | | | | | | | | | |
| 21 | 0000-0000 | 19 7/10/98 | 12:29 | 20.6 | -0.645 | | | | | | | | | | | |
| 22 | 0000-0000 | 20 7/10/98 | 12:34 | 20.8 | -0.662 | | | | | | | | | | | |
| 23 | 0000-0000 | 21 7/10/98 | 12:39 | 19.1 | -0.645 | | | | | | | | | | | |
| 24 | 0000-0000 | 22 7/10/98 | 12:44 | 18.2 | -0.635 | | | | | | | | | | | |
| 25 | 0000-0000 | 23 7/10/98 | 12:49 | 17.4 | -0.633 | | | | | | | | | | | |
| 26 | 0000-0000 | 24 7/10/98 | 12:54 | 16.4 | -0.625 | | | | | | | | | | | |
| 27 | 0000-0000 | 25 7/10/98 | 12:59 | 15.7 | -0.619 | | | | | | | | | | | |
| 28 | 0000-0000 | 26 7/10/98 | 13:04 | 15 | -0.612 | | | | | | | | | | | |
| 29 | 0000-0000 | 27 7/10/98 | 13:09 | 13.8 | -0.602 | | | | | | | | | | | |
| 30 | 0000-0000 | 28 7/10/98 | 13:14 | 13.3 | -0.597 | | | | | | | | | | | |
| 31 | 0000-0000 | 29 7/10/98 | 13:19 | 14.4 | -0.62 | | | | | | | | | | | |
| 32 | 0000-0000 | 30 7/10/98 | 13:24 | 16 | -0.635 | | | | | | | | | | | |

READY

/07-11-98/07-12-98/07-13-98/07-14-98/07-15-98/07-16-98/07-17-98/07-18-98/DATE

NUM

FIG. 10

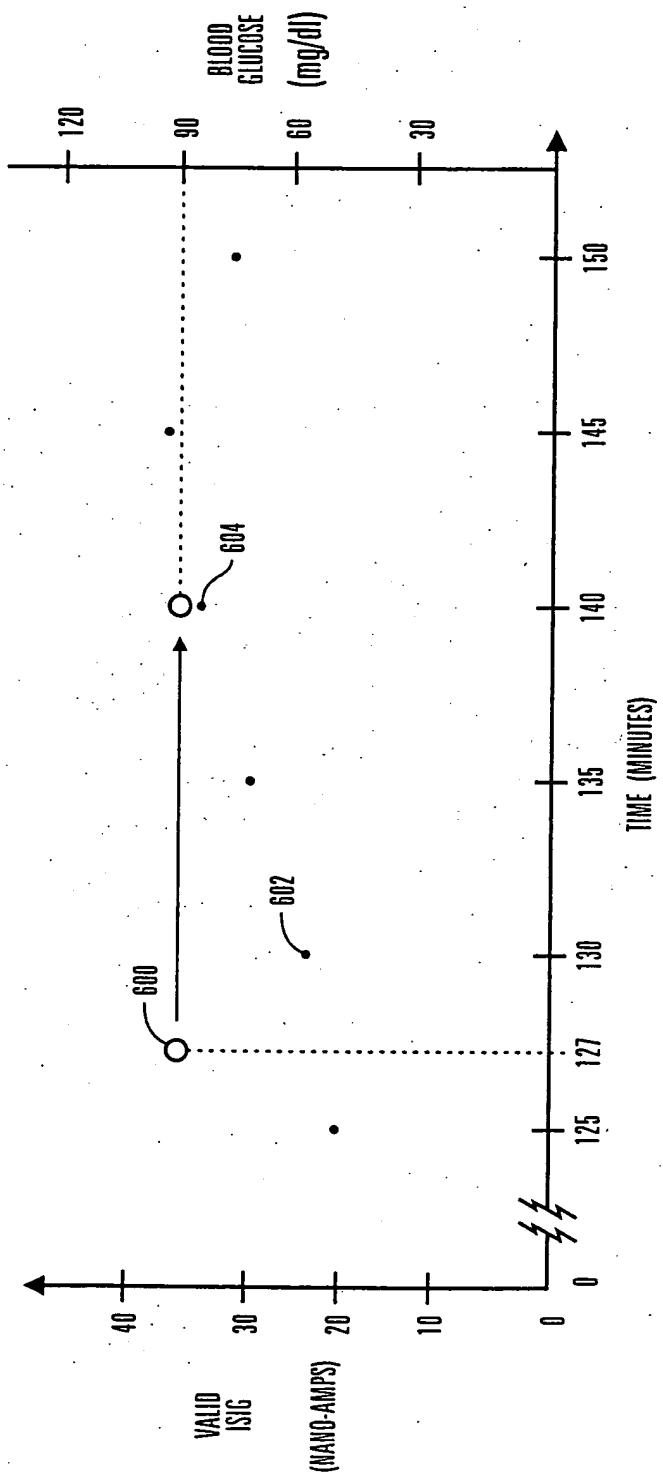


FIG. 11

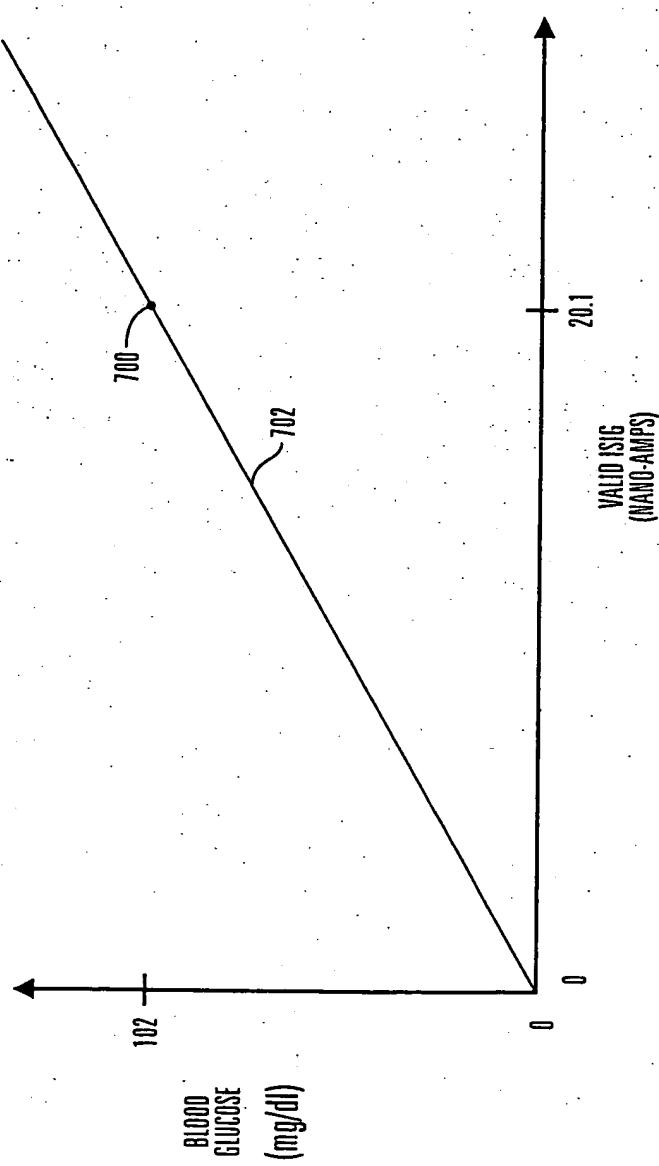


FIG. 12

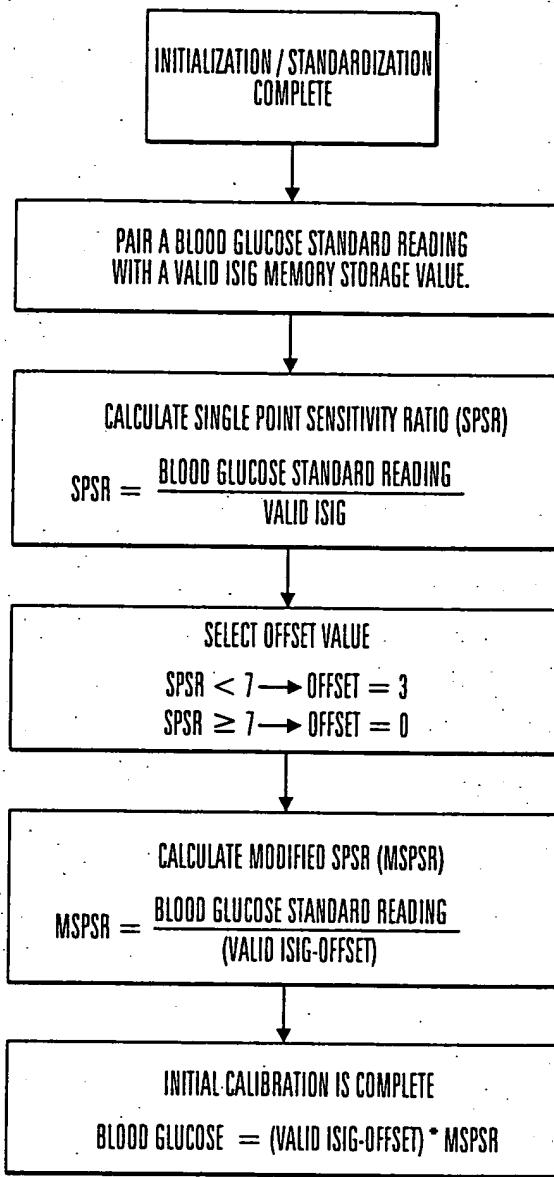


FIG. 13

U.S. EXPRESS MAIL NO. EV060046999US

Foley & Lardner - 310-277-2223

Atty: Ted R. Rittmaster

Title: REAL TIME SELF-ADJUSTING CALIBRATION

ALGORITHM

Inventor(s): John J. Shin et al.

DOCKET NO.: 047711-0335

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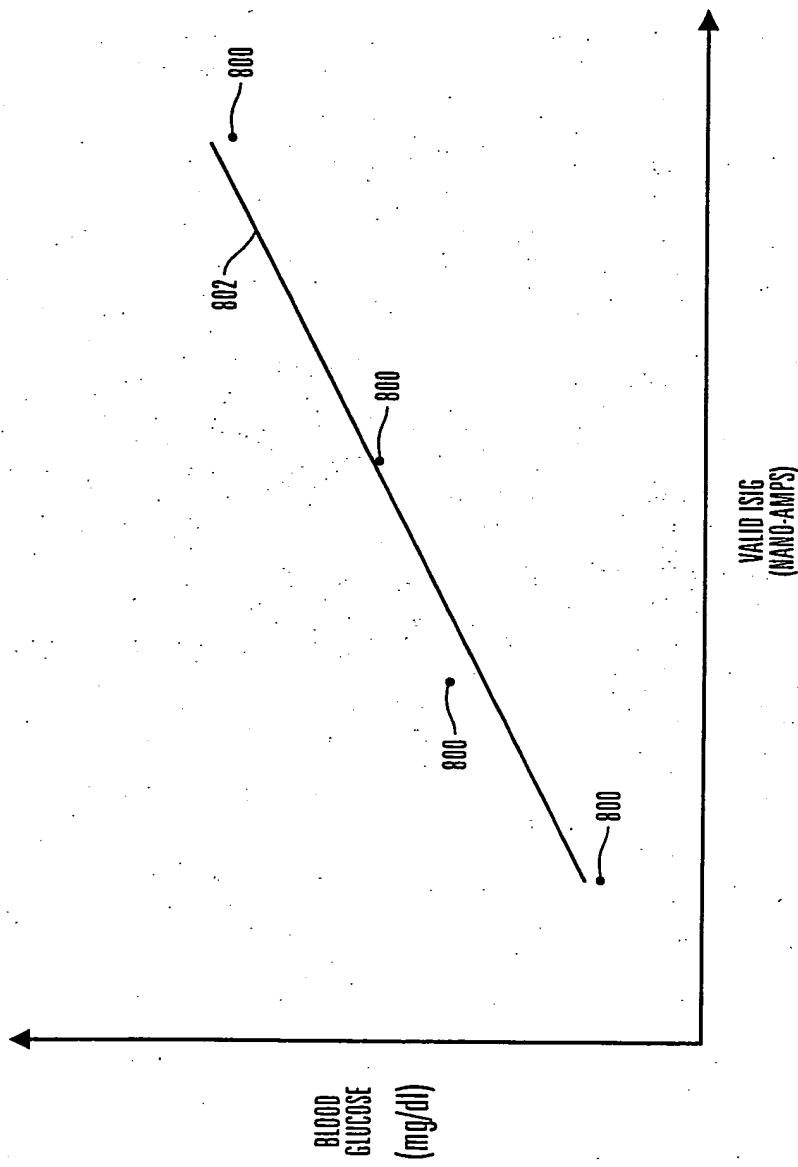


FIG. 14

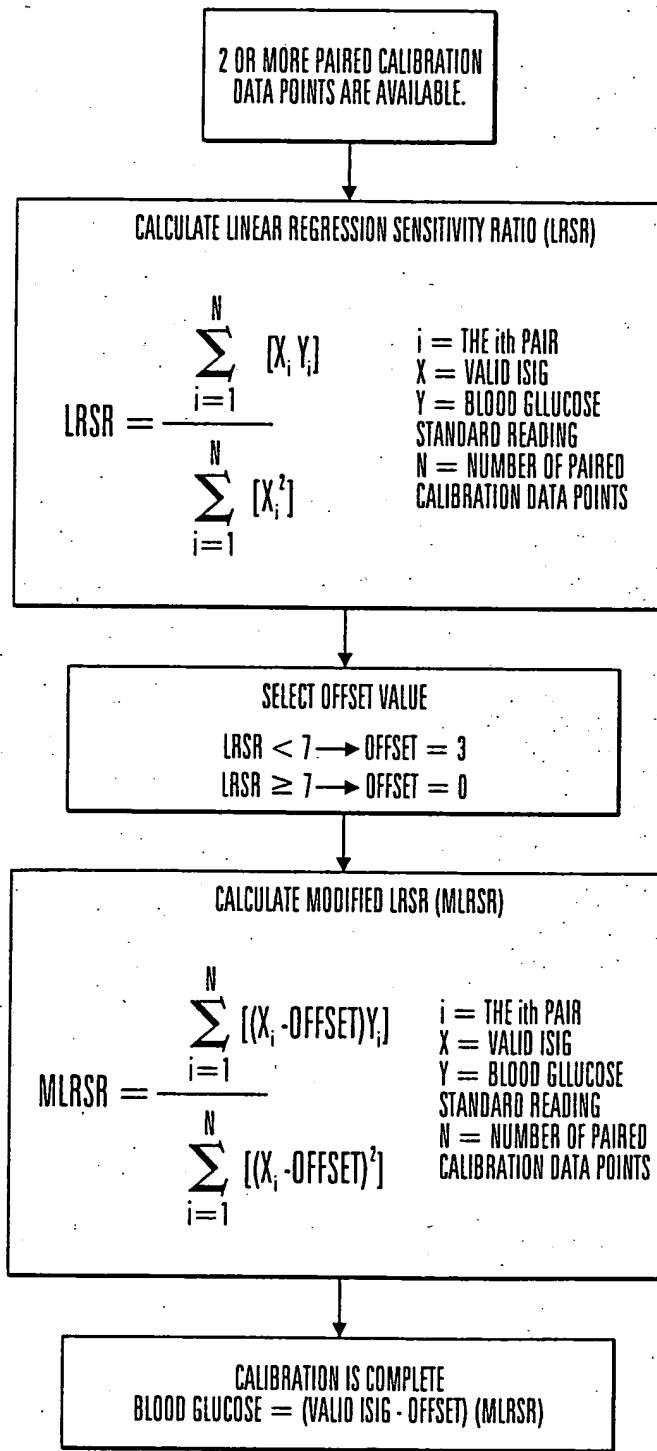
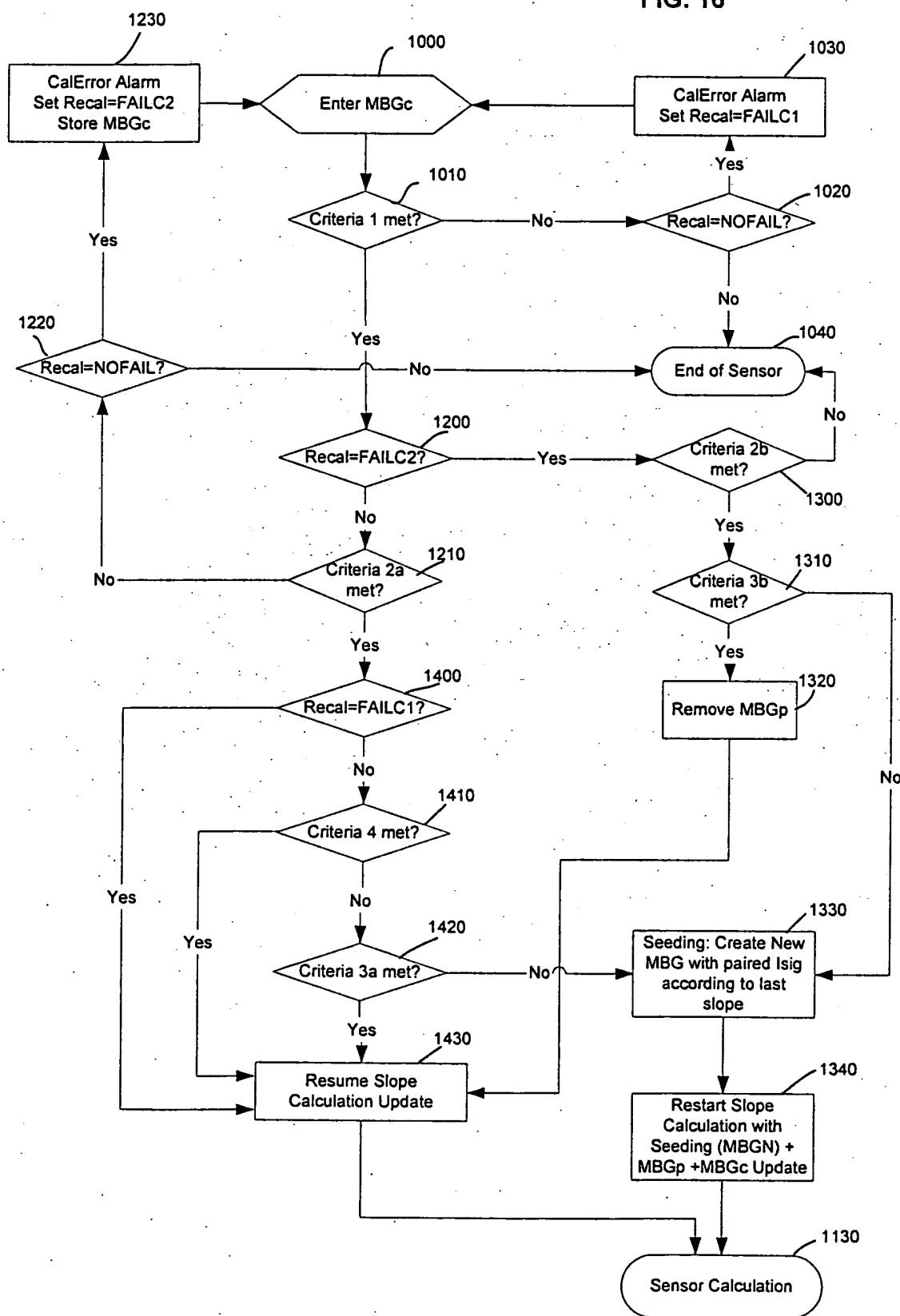


FIG. 15

FIG. 16



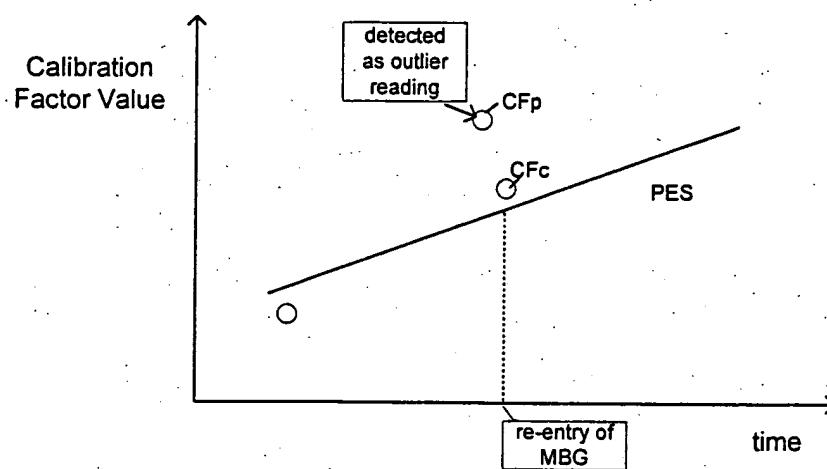


FIG. 17a

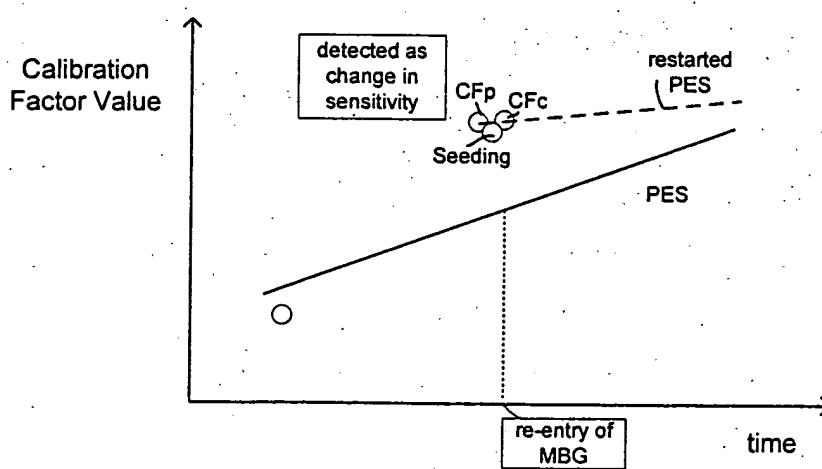


FIG. 17b

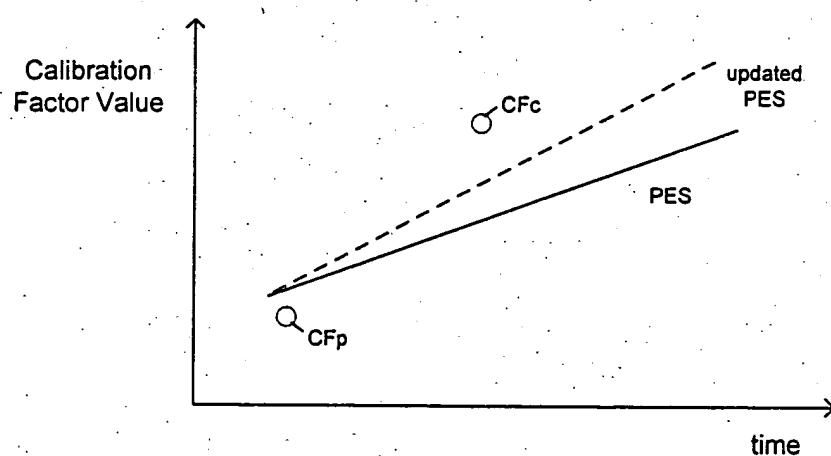


FIG. 18a

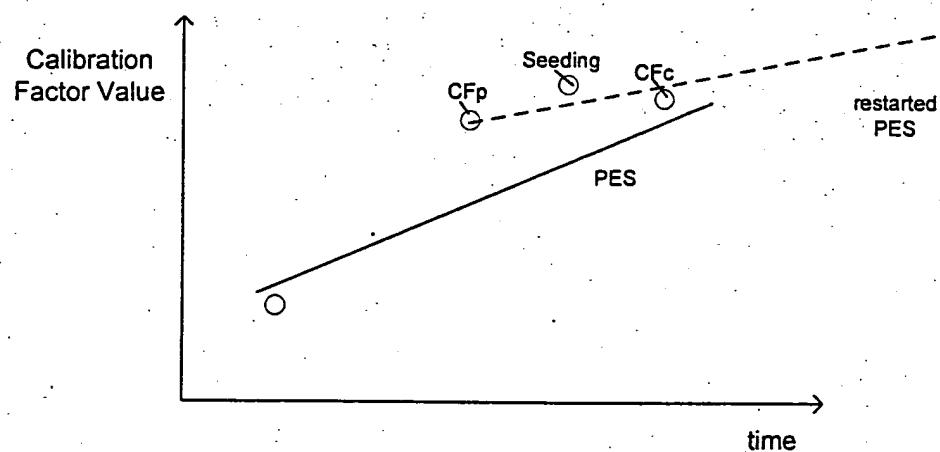


FIG. 18b

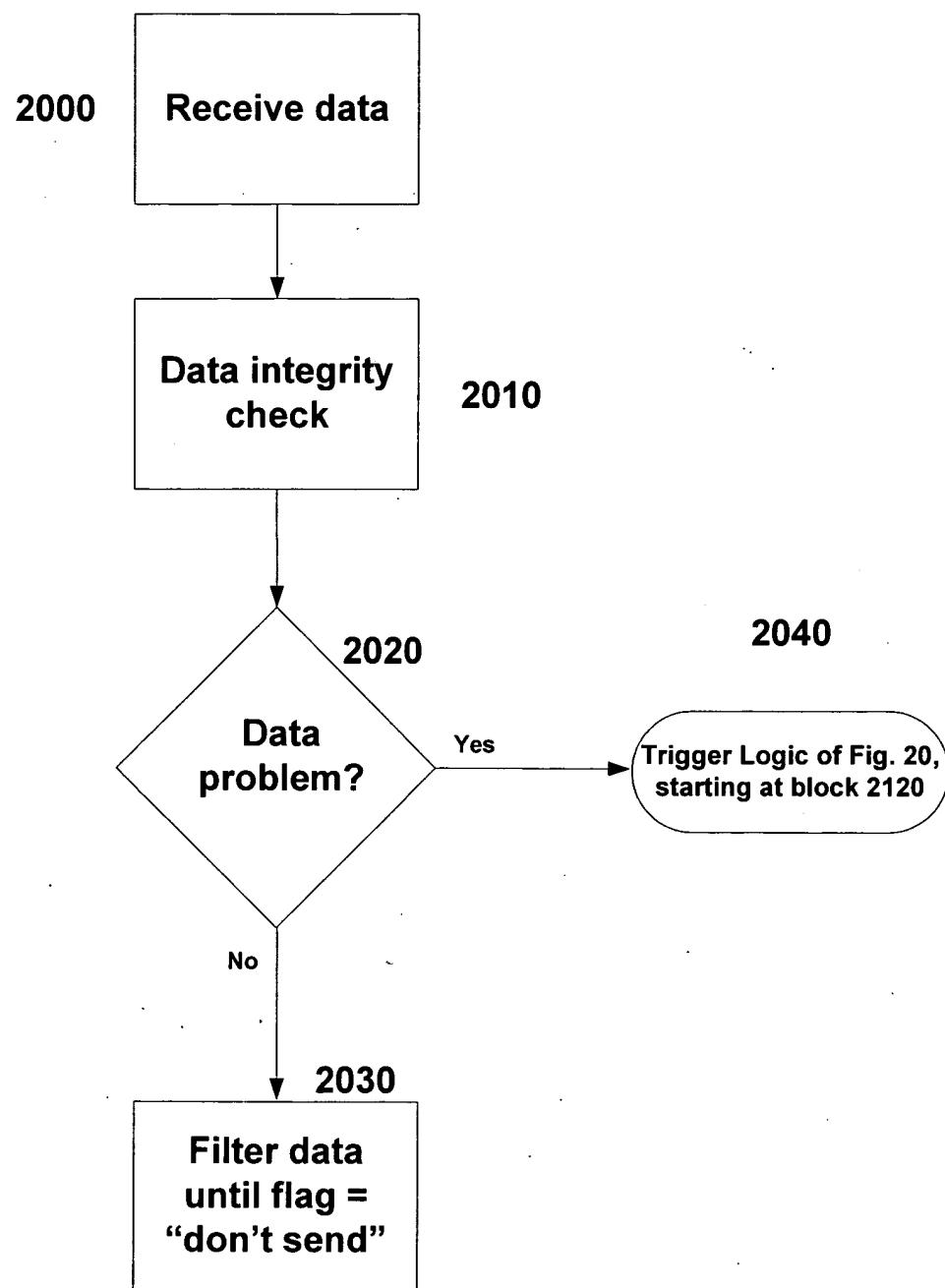


FIG. 19

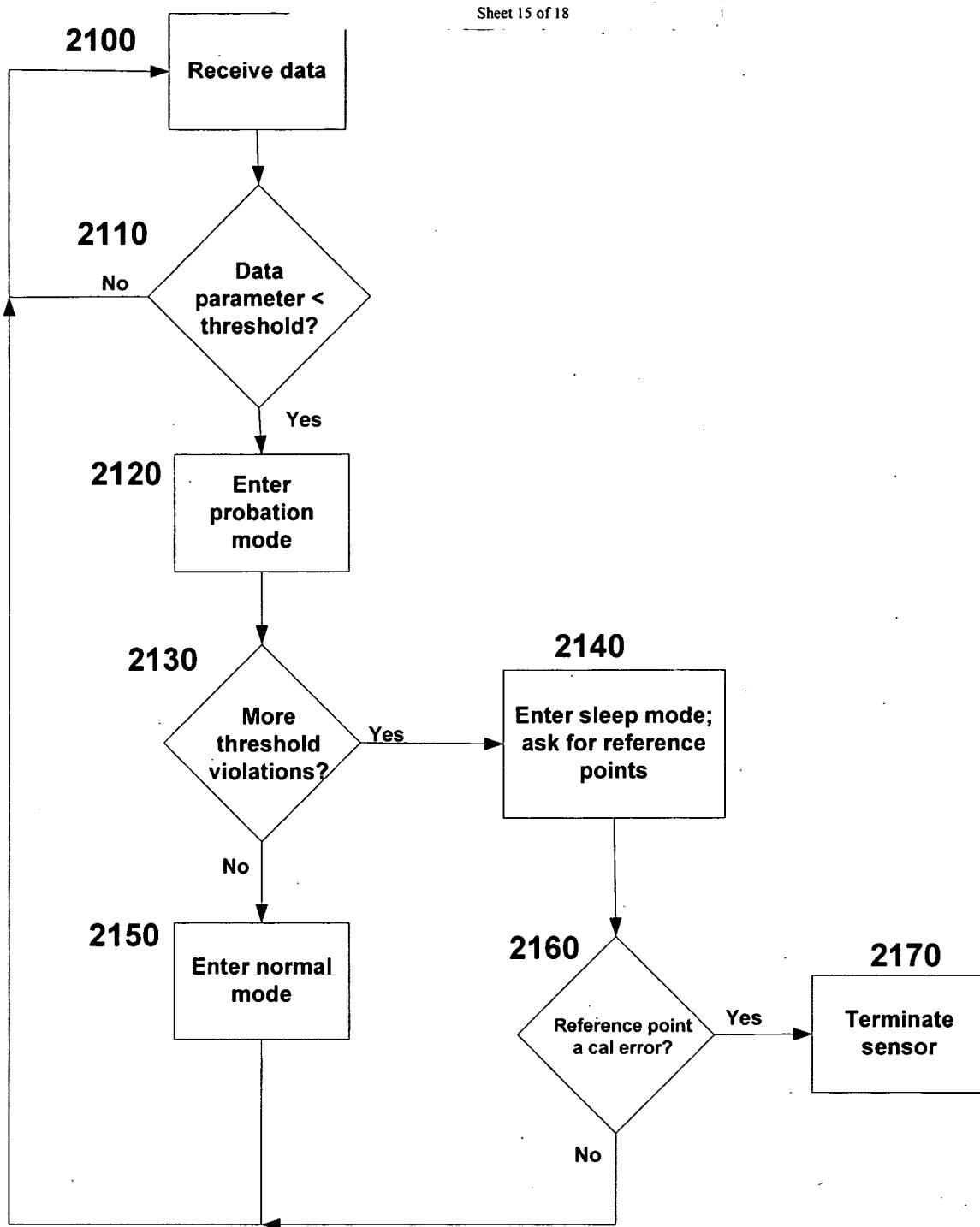


FIG. 20

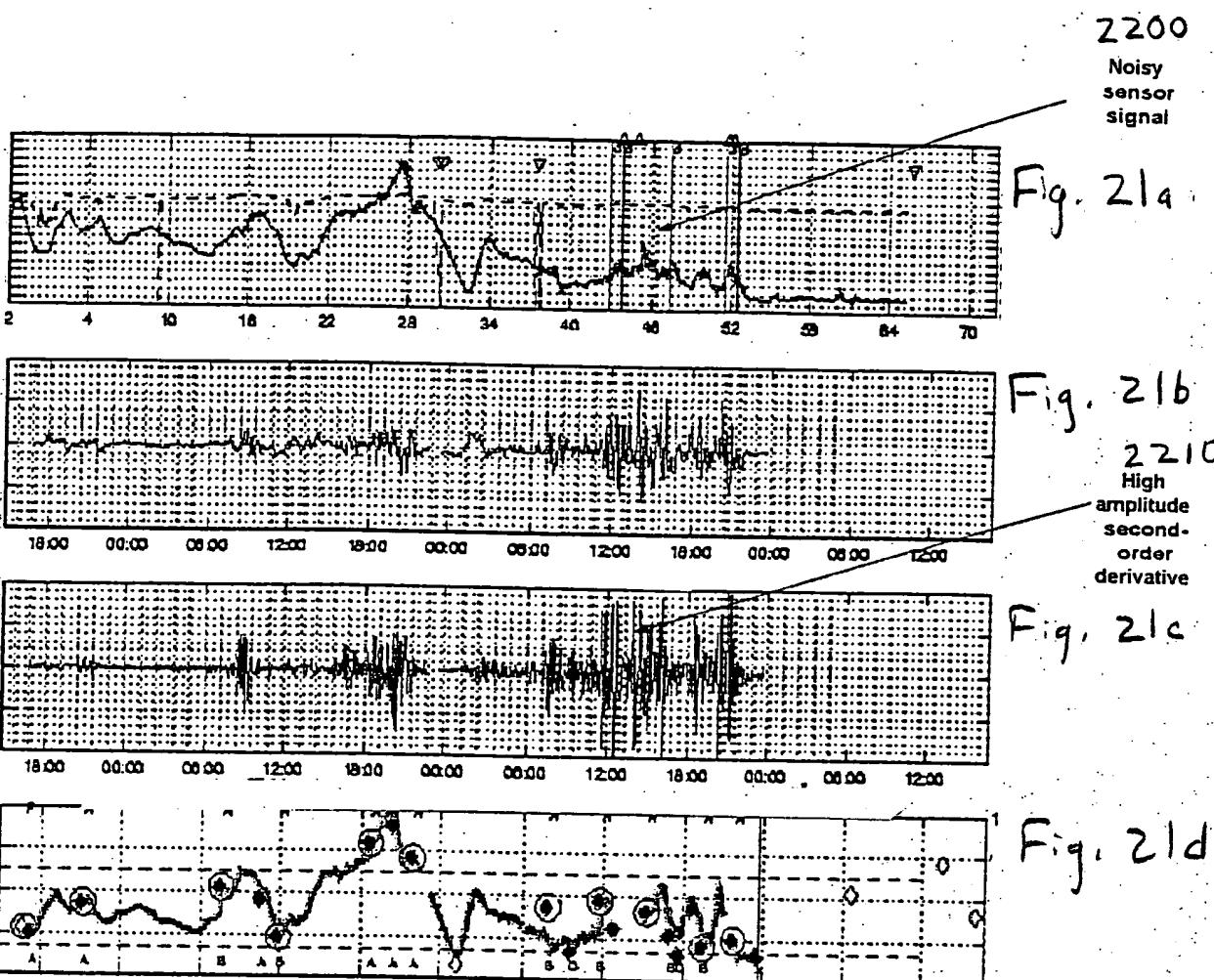


Figure 22

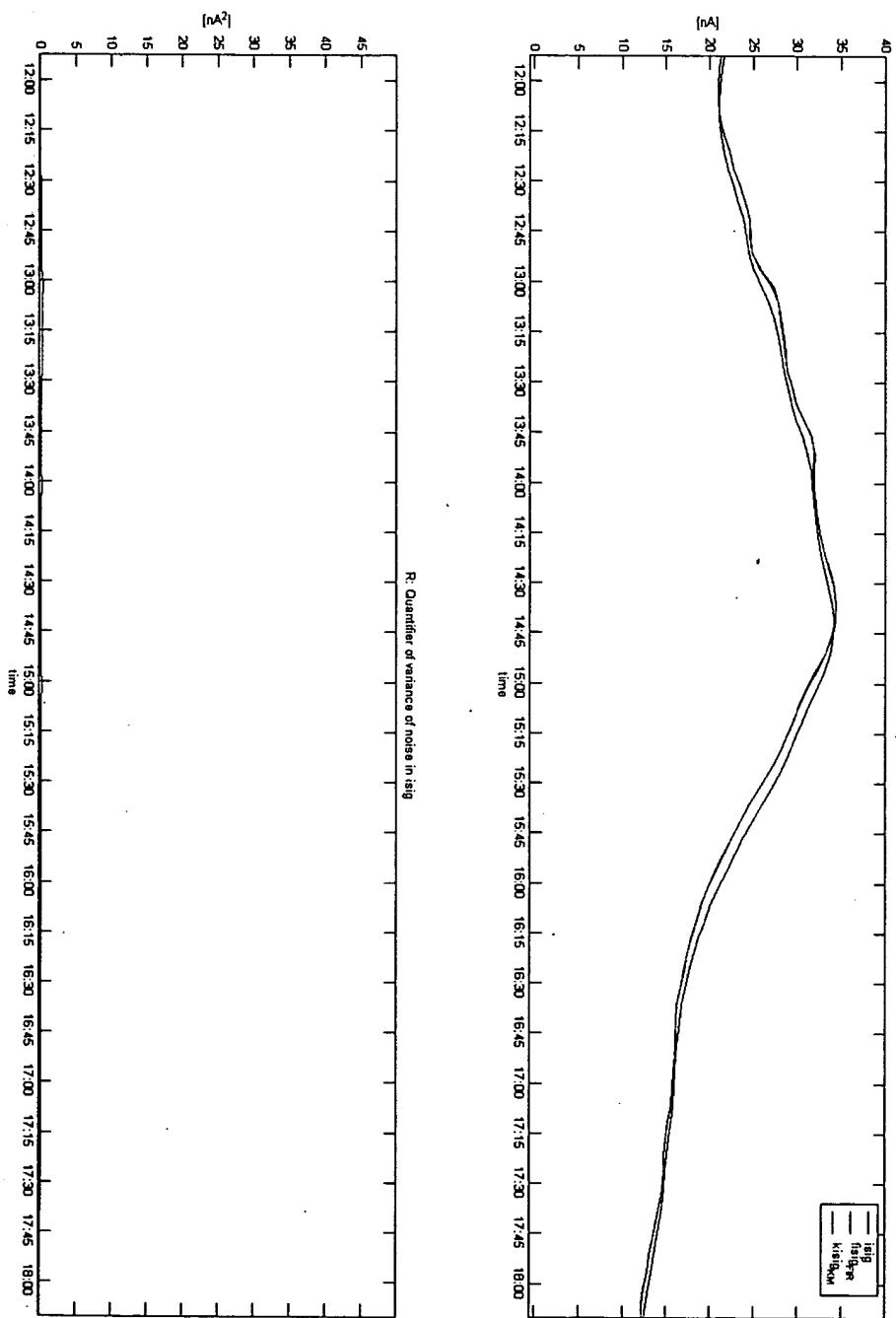


Figure 23

